

ATTACHMENT A
RESOLUTION NO.
MONITORING AND REPORTING PROGRAM
FOR
SEAN W. SMITH
AND
CALAVERAS RIVER LAND CO., INC.
JENNY LIND TAILING PILE REMOVAL AND RECLAMATION PROJECT
CALAVERAS COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for process wastewater reuse sites. This MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

COLLECTION SUMP AND TUBE SETTLER TREATMENT TANK MONITORING

The process wastewater collection sump at the screen plant and Tube Settler treatment tank shall be monitored on a daily basis for the accumulation of sediment that may affect capacity and treatment capabilities of each. Results shall be included in the monthly monitoring report.

PROCESS WASTEWATER REUSE AREA MONITORING

Monitoring of the process wastewater reuse areas (i.e., tailing piles, roads, landscape areas, etc) shall be conducted **daily** when the process wastewater is reused on site, and the results shall be included in the monthly monitoring report. Evidence of erosion, field saturation, irrigation runoff, or the presence of nuisance conditions shall be noted in the report. Monitoring of the reuse areas shall include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flows to reuse areas ¹	Gallons	Calculated ²	Daily	Monthly
Rainfall ³	Inches	Observation	Daily	Monthly
Acreage Applied ¹	Acres	Calculated	Daily	Monthly
<u>Water Application Rate²</u>	gal/acre/day	Calculated	Daily	Monthly

¹ Specific reuse areas shall be identified.

² May be calculated based on pump rates and duration of time pumps ran.

³ Rainfall data to be collected from the weather station that is nearest to the site.

A daily log of each inspection shall be kept at the facility and submitted with the monthly monitoring reports. Photocopies of entries into an operator's field log are acceptable. If the process wastewater is not applied to the reuse areas, then the monthly monitoring reports shall state so.

SEDIMENT DISPOSAL MONITORING

When sediment is removed from the sediment drying beds, the Discharger shall keep a log describing the location of disposal, and shall submit a map with the monthly monitoring report showing to the locations where disposal occurred. The map shall clearly show the location of the 100 year flood plain and any water bodies on site.

STORMWATER BEST MANAGEMENT PRACTICES MONITORING

Monitoring of the stormwater best management practices (BMPs) used to control any potential sediment runoff from the process water reuse areas and sediment drying areas shall be conducted on a weekly basis to ensure that the integrity of the BMPs are such that they are working as designed.

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., tank, reuse area, etc.) are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with the waiver resolution. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported in the next scheduled monitoring report.

A. Monthly Monitoring Reports

Monthly Monitoring Reports shall be submitted to the Regional Board by the **1st day of the second month following monitoring** (i.e. the January Report is due by 1 March). At a minimum, the Monthly Monitoring Report shall include:

1. Results of sump, treatment tank, process water and sediment reuse area monitoring.
2. A comparison of monitoring data to the discharge specifications and an explanation of any violation of those requirements.
3. All activities performed to correct problems noted during weekly inspections.

B. Annual Monitoring Report

An Annual Monitoring Report shall be prepared as the twelfth monthly monitoring report. The Annual Monitoring Report shall include all monitoring data required in the monthly monitoring schedule and shall be submitted to the Regional Board by **1 February** each year. In addition to the data normally presented in the Monthly Monitoring Reports, the Annual Monitoring Report shall include the following:

1. The contents of the regular monthly monitoring report for the last month of the year;
2. If requested by staff, tabular and graphical summaries of all monitoring data collected during the year;

3. A discussion of compliance problems and any corrective actions taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the waiver;
4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.

A transmittal letter shall accompany each self-monitoring report. The letter shall discuss any violations during the reporting period and all actions taken or planned for correcting violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain a statement by the Discharger or the Discharger's authorized agent, under penalty of perjury, that to the best of the signer's knowledge the report is true, accurate, and complete.